

**PAT-NO:** JP410105560A  
**DOCUMENT-IDENTIFIER:** JP 10105560 A  
**TITLE:** METHOD AND DEVICE FOR RETRIEVING DATA BASE

**PUBN-DATE:** April 24, 1998

**INVENTOR-INFORMATION:**

NAME	COUNTRY
ANPO, YOKO	

**INT-CL (IPC):** G06 F 017/30

**ABSTRACT:**

**PROBLEM TO BE SOLVED:** To shorten time for retrieval by utilizing the frequency of inputs to retrieval condition items for each user and to improve operability when inputting retrieval conditions.

**SOLUTION:** When a user ID is inputted from an input device 1, a retrieval order determining means 4 reads an input frequency table 10 corresponding to that user ID. The input frequency table 10 records the frequency of inputting to the retrieval condition items for that user. An auxiliary retrieving means 5 retrieves a data base 11 with the prescribed number of high-order retrieval condition items having high input frequency in the input frequency table 10 as keys and the auxiliary retrieved result 12 classifying retrieval object data for each value of keys is prepared. Based on the input frequency table 10, the retrieval condition items on a retrieval condition item input picture are rearranged in order from the highest input frequency by an input picture shaping means 6. When the user inputs the retrieval conditions on the retrieval condition item input picture, a retrieving means 9 finds relevant data by retrieving the auxiliary retrieved result 12 and outputs these data to an output device 14. Besides, an input frequency table preparing means 8 updates the input frequency table 10 for the next time.

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**Abstract Text - FPAR (2):**

**SOLUTION:** When a user ID is inputted from an input device 1, a retrieval order determining means 4 reads an input frequency table 10 corresponding to that user ID. The input frequency table 10 records the frequency of inputting to the retrieval condition items for that user. An auxiliary retrieving means 5 retrieves a data base 11 with the prescribed number of high-order retrieval condition items having high input frequency in the input frequency table 10 as keys and the auxiliary retrieved result 12 classifying retrieval object data for each value of keys is prepared. Based on the input frequency table 10, the

retrieval condition items on a retrieval condition item input picture are rearranged in order from the highest input frequency by an input picture shaping means 6. When the user inputs the retrieval conditions on the retrieval condition item input picture, a retrieving means 9 finds relevant data by retrieving the auxiliary retrieved result 12 and outputs these data to an output device 14. Besides, an input frequency table preparing means 8 updates the input frequency table 10 for the next time.

**Application Date - APD (1):**

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